

AMENDMENTS TO THE CLAIMS

This claim listing will replace all prior versions and listings of claims in the application.

Claim Listing:

1-18. (Canceled)

19. (Currently Amended) An isolated nucleic acid molecule comprising the nucleic acid sequence of SEQ ID NO: 1, wherein the nucleotide at nucleotide position 3949 of SEQ ID NO: 1 is a nucleotide other than thymidine guanine, or the complement of said nucleic acid molecule.

20. (Cancelled)

21. (Currently Amended) An isolated allele-specific oligonucleotide comprising more than 10 contiguous nucleotides, wherein said allele-specific oligonucleotide hybridizes under stringent conditions that hybridizes to a nucleic acid molecule comprising the nucleic acid sequence of SEQ ID NO: 1, wherein the nucleotide at nucleotide position 3949 of SEQ ID NO: 1 is a nucleotide other than thymidine, and wherein said allele-specific oligonucleotide hybridizes to said nucleic acid molecule at a region which encompasses nucleotide position 3949, or wherein said allele-specific oligonucleotide hybridizes to the complement of said nucleic acid molecule.

22. (Previously Presented) An allele-specific oligonucleotide according to Claim 21, wherein the nucleotide at nucleotide position 3949 of SEQ ID NO: 1 is guanine.

23. (Previously Presented) An allele-specific oligonucleotide according to Claim 21 which is a probe.

24. (Previously Presented) An allele-specific oligonucleotide according to Claim 21 which is a primer.

25. (Previously Presented) An expression vector comprising the nucleic acid molecule or complement thereof of Claim 19.

26. (Previously Presented) An expression vector comprising the nucleic acid molecule or complement thereof of Claim 20.

27. (Previously Presented) A host cell comprising an expression vector according to Claim 25.

28. (Previously Presented) A host cell comprising an expression vector according to Claim 26.

29. (Currently Amended) An isolated nucleic acid molecule consisting of a portion of at least more than 10 contiguous nucleotides of SEQ ID NO: 1, wherein said portion nucleic acid molecule comprises nucleotide position 3949 of SEQ ID NO: 1 and wherein the nucleotide at nucleotide position 3949 of SEQ ID NO: 1 is a nucleotide other than thymidine guanine, or the complement of said nucleic acid molecule.

30. (Cancelled)

31. (Previously Presented) An expression vector comprising the nucleic acid molecule or the complement thereof of Claim 29.

32. (Previously Presented) An expression vector comprising the nucleic acid molecule or the complement thereof of Claim 30.

33. (Previously Presented) A host cell comprising an expression vector according to Claim 31.

34. (Previously Presented) A host cell comprising an expression vector according to Claim 32.

35. (Currently Amended) An oligonucleotide microarray having immobilized thereon a plurality of oligonucleotides, wherein at least one of said oligonucleotides is an allele-specific oligonucleotide comprising more than 10 contiguous nucleotides, wherein said allele-specific oligonucleotide hybridizes under stringent conditions that hybridizes to a nucleic acid molecule comprising the nucleic acid sequence of SEQ ID NO: 1, wherein the nucleotide at nucleotide

position 3949 of SEQ ID NO: 1 is a nucleotide other than thymidine, and wherein said allele-specific oligonucleotide hybridizes to said nucleic acid molecule at a region which encompasses nucleotide position 3949, or wherein said allele-specific oligonucleotide hybridizes to the complement of said nucleic acid molecule.

36. (Previously Presented) An oligonucleotide microarray according to Claim 35, wherein the nucleotide at nucleotide position 3949 of SEQ ID NO: 1 is guanine.

37. (Previously Presented) An oligonucleotide microarray according to Claim 35, wherein the allele-specific oligonucleotide is a probe.

38. (Previously Presented) An oligonucleotide microarray according to Claim 35, wherein the allele-specific oligonucleotide is a primer.